	Application No.	Applicant(s)
	09/665,769	STOKES, CHRISTOPHER JOHN
Notice of Allowability	Examiner	Art Unit	
	JAGDISH PATEL	3624	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *response filed 10/12/04*.

2. ☒ The allowed claim(s) is/are *1,3-6 and 8-10*.

3. ☒ The drawings filed on *20 September 2000* are accepted by the Examiner.

4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    a) ☒ All   b) ☐ Some*   c) ☐ None   of the:
       1. ☒ Certified copies of the priority documents have been received.
       2. ☒ Certified copies of the priority documents have been received in Application No. *09/665,769* .
       3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the
          International Bureau (PCT Rule 17.2(a)).
    * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
       1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of
      Paper No./Mail Date _____.
    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____.

DETAILED ACTION

1.   This communication is in response to amendment filed
10/12/04.

EXAMINER'S AMENDMENT

2.   An examiner's amendment to the record appears below. Should

the changes and/or additions be unacceptable to applicant, an

amendment may be filed as provided by 37 CFR 1.312. To ensure

consideration of such an amendment, it MUST be submitted no

later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a

telephone interview with Attorney William M. Lee, Jr.,

Registration No. 26,935 on 11/12/04.

AMENDMENTS TO THE CLAIMS:

Please amend claims 1 and 10 as follows:

1. (Currently amended) A computer-implemented method for

modeling loans, the method comprising:

(a) enabling a user to enter parameters relevant a loan,

the parameters including loan amount and loan term;

(b) enabling the user to specify a number of options

relevant to the loan, the options including at least variable

repayments over different months of the year, according to

twelve user specified factors, one for each of the twelve months

of the year;

(c) computing repayments due over the terms of the loan,

(d) visually displaying information indicating the

repayments due over the term of the loan;

wherein said computing and said displaying steps are

performed using a computer.

10. An information carrier holding a computer program for

performing a computer-implemented method for modeling loans, the

program when executed by a computer performing the method steps

comprising:

(a) enabling a user to enter parameters relevant to a loan,

the parameters including loan amount and loan term;

(b) enabling the user to specify a number of options

relevant to the loan, the options including at least variable

repayments over different months of the year according to twelve

user specified factors, one for each of the twelve months of the

year;

(c) computing repayments due over the term of the loan,

based on he parameters and options entered by the user; and

(d) visually displaying information indicating the

repayments due over the term of the loan.

Response to Amendment

3.   Claims 1, 3-6, and 8-10 are allowed.

Reasons for Allowance

4.   The following is an examiner's statement of reasons for

allowance:

The claimed inventions pertain to a computer-implemented

method, a computer system and an information carrier for

modeling loans based on the user specified payment options.

The following prior art references have been deemed

most relevant to the allowed claim(s):

Yoshino et al. (US Pat. 5,058,009) discloses a financial

calculator, which executes calculations on amortization of a

loan, and depreciation based on financial data inputted

including principal data, interest data and number of payments

data related to calculation of amortization of a loan. The

calculator displays the results on a display unit as a graphic

representation in view of time lapses. Yoshino, however, fails

to teach or suggest the feature of performing the calculations

for the loan amortization on the basis of twelve user-specified

factors, one for each of the twelve months of the year.

<u>ALTERNATIVE MORTGAGE INSTRUMENTS ARE BUILDING SAVINGS &</u>

<u>LOAN NEWS V98 N8 PP: 50-55 AUGUST 1977</u> teaches availability of

alternate mortgage instruments such as the flexible loan

insurance program (FLIP), flexible mortgages, graduated payment

mortgages, rollover mortgages, step-rate mortgages, BALLOON

payments, and variable-rate-mortgages. This reference however

fails to provide any suggestion for provisioning twelve user-

specified factors, one for each of the twelve months of the year

and computing repayments over the terms of a loan on the basis

of those twelve factors.

Claims 1, 3-6: The closest prior art references of Yoshino

and ALTERNATIVE MORTGAGE discussed above fail to teach or

suggest a method for modeling loans which a novel feature of

enabling the user to specify a number of options relevant to a

loan, where the options include variable repayments over

different months of the year, according to twelve user-specified

factors, one for each of twelve months of the year.

Claims 8-9 recite a computer system and claim 10 is a

computer program product, both of which incorporate the novel

feature of aforementioned method claims.

Any comments considered necessary by applicant must be

submitted no later than the payment of the issue fee and, to

avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

Conclusion

5.   The prior art made of record and not relied upon is

considered pertinent to applicant's disclosure.

Perg et al. (US 5,237,500) The present invention is
directed to a system and process for specifying a constant-
dollar financial instrument and then, step-by-step, primary
component-by-primary component, transforming the desired
constant-dollar financial instrument into an equivalent nominal-
dollar instrument.

Davidson (US 5,699,527) teaches a loan processing system
for allowing a potential business loan applicant to provide the
required loan application information on any computer and
transfer a data file or information to the lending institution
via mailing a diskette or transmitting such information
through a modem or via another electronic transfer mechanism.
The received information is then processed at the lending
institution using such information which is in a format
acceptable and readily usable by the lending institution.

King (US 5,742,775) discloses a system and method of
creating and administering a long-term financial instrument and
adjustable rate loan program which reduces risks to both
borrowers and lenders.

Krintz (US 5,991, 745) teaches a loan calculation system
and method which allows a loan officer in a financial
institution to change many different variables required in
considering whether to lend money, so that a customized loan may
be provided.

Whitacre, David B.; Resurrecting Special Forbearance

Mortgage Banking v53n2 PP: 85-87 Nov 1992 provides general state of lending practices at HUD.

CLYDESDALE BANK: Clydesdale Bank provides fresh stimulus to housing market M2 Presswire, Nov 8, 1995 teaches options available to customers in development of repayment schemes for their mortgage loans.

Zearley, Thomas Alternative Mortgage Instruments and Lender Risks; Bankers Magazine v164n6 PP: 61-64 Nov/Dec 1981 provides discussion on an array of alternative mortgage instruments (AMIs) available to make home ownership more affordable and to help revive lenders.
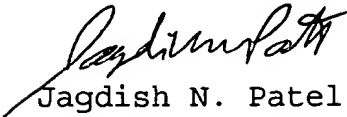

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JAGDISH PATEL whose telephone number is (703) 308-7837. The examiner can normally be reached on 800AM-600PM M-Th.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vincent Millin can be reached on (703)308-1065. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system,

see http://pair-direct.uspto.gov. Should you have questions on

access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Jagdish N. Patel
(Primary Examiner, AU 3624)
11/12/04